



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/840,277C
Source: 1 Fw/16
Date Processed by STIC: 6/21/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):
U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Raw Sequence Listing Error Summary

| ERROR DETECTED | SUGGESTED CORRECTION | SERIAL NUMBER: <u>09/840,277C</u> |
|--|--|-----------------------------------|
| ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE | | |
| 1 <input type="checkbox"/> Wrapped Nucleics Wrapped Aminos | The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping." | |
| 2 <input type="checkbox"/> Invalid Line Length | The rules require that a line not exceed 72 characters in length. This includes white spaces. | |
| 3 <input type="checkbox"/> Misaligned Amino Numbering | The numbering under each 5 th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead. | |
| 4 <input type="checkbox"/> Non-ASCII | The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text. | |
| 5 <input checked="" type="checkbox"/> Variable Length | Sequence(s) <u>15 (maybe more)</u> contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing. | |
| 6 <input type="checkbox"/> PatentIn 2.0 "bug" | A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences. | |
| 7 <input type="checkbox"/> Skipped Sequences (OLD RULES) | Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences. | |
| 8 <input type="checkbox"/> Skipped Sequences (NEW RULES) | Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000 | |
| 9 <input type="checkbox"/> Use of n's or Xaa's (NEW RULES) | Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents. | |
| 10 <input type="checkbox"/> Invalid <213> Response | Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence | |
| 11 <input type="checkbox"/> Use of <220> | Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules) | |
| 12 <input type="checkbox"/> PatentIn 2.0 "bug" | Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk. | |
| 13 <input type="checkbox"/> Misuse of n/Xaa | "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid | |



IFW16

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/840,277C

DATE: 06/21/2004

TIME: 16:43:13

Input Set : A:\A-688A.ST25.txt

Output Set: N:\CRF4\06212004\I840277C.raw

3 <110> APPLICANT: FEIGE, ULRICH
 4 KOHNO, TADAHIKO
 5 LACEY, DAVID
 6 BOONE, THOMAS CHARLES
 8 <120> TITLE OF INVENTION: ADHESION ANTAGONISTS (as amended)
 10 <130> FILE REFERENCE: A-688A
 12 <140> CURRENT APPLICATION NUMBER: US 09/840,277C
 13 <141> CURRENT FILING DATE: 2001-04-23
 15 <150> PRIOR APPLICATION NUMBER: US 60/198,919
 16 <151> PRIOR FILING DATE: 2000-04-21
 18 <150> PRIOR APPLICATION NUMBER: US 60/201,394
 19 <151> PRIOR FILING DATE: 2000-05-03
 21 <160> NUMBER OF SEQ ID NOS: 137
 23 <170> SOFTWARE: PatentIn version 3.2
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 684
 27 <212> TYPE: DNA
 28 <213> ORGANISM: Homo sapiens
 31 <220> FEATURE:
 32 <221> NAME/KEY: CDS
 33 <222> LOCATION: (1)..(684)
 35 <400> SEQUENCE: 1

see
pp 5-8
Sample
06/21/04

| | | |
|----|---|-----|
| 36 | atg gac aaa act cac aca tgt cca cct tgt cca gct ccg gaa ctc ctg | 48 |
| 37 | Met Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu | |
| 38 | 1 5 10 15 | |
| 40 | ggg gga ccg tca gtc ttc ctc ttc ccc cca aaa ccc aag gac acc ctc | 96 |
| 41 | Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu | |
| 42 | 20 25 30 | |
| 44 | atg atc tcc cgg acc cct gag gtc aca tgc gtg gtg gtg gac gtg agc | 144 |
| 45 | Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser | |
| 46 | 35 40 45 | |
| 48 | cac gaa gac cct gag gtc aag ttc aac tgg tac gtg gac ggc gtg gag | 192 |
| 49 | His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu | |
| 50 | 50 55 60 | |
| 52 | gtg cat aat gcc aag aca aag ccg cgg gag gag cag tac aac agc acg | 240 |
| 53 | Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr | |
| 54 | 65 70 75 80 | |
| 56 | tac cgt gtg gtc agc gtc ctc acc gtc ctg cac cag gac tgg ctg aat | 288 |
| 57 | Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn | |
| 58 | 85 90 95 | |
| 60 | ggc aag gag tac aag tgc aag gtc tcc aac aaa gcc ctc cca gcc ccc | 336 |
| 61 | Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro | |
| 62 | 100 105 110 | |

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Input Set : A:\A-688A.ST25.txt

Output Set: N:\CRF4\06212004\I840277C.raw

```

64 atc gag aaa acc atc tcc aaa gcc aaa ggg cag ccc cga gaa cca cag      384
65 Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln
66      115      120      125
68 gtg tac acc ctg ccc cca tcc cgg gat gag ctg acc aag aac cag gtc      432
69 Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val
70      130      135      140
72 agc ctg acc tgc ctg gtc aaa ggc ttc tat ccc agc gac atc gcc gtg      480
73 Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val
74 145      150      155      160
76 gag tgg gag agc aat ggg cag ccg gag aac aac tac aag acc acg cct      528
77 Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro
78      165      170      175
80 ccc gtg ctg gac tcc gac ggc tcc ttc ttc ctc tac agc aag ctc acc      576
81 Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr
82      180      185      190
84 gtg gac aag agc agg tgg cag cag ggg aac gtc ttc tca tgc tcc gtg      624
85 Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val
86      195      200      205
88 atg cat gag gct ctg cac aac cac tac acg cag aag agc ctc tcc ctg      672
89 Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu
90      210      215      220
92 tct ccg ggt aaa
93 Ser Pro Gly Lys      684
94 225
97 <210> SEQ ID NO: 2
98 <211> LENGTH: 228
99 <212> TYPE: PRT
100 <213> ORGANISM: Homo sapiens
102 <400> SEQUENCE: 2
104 Met Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu
105 1      5      10      15
108 Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu
109      20      25      30
112 Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser
113      35      40      45
116 His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu
117      50      55      60
120 Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr
121 65      70      75      80
124 Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn
125      85      90      95
128 Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro
129      100      105      110
132 Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln
133      115      120      125
136 Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val
137      130      135      140
140 Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val
141 145      150      155      160

```

RAW SEQUENCE LISTING

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DATE: 06/21/2004

TIME: 16:43:13

Input Set : A:\A-688A.ST25.txt

Output Set: N:\CRF4\06212004\I840277C.raw

```

144 Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro
145                               165                               170                               175
148 Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr
149                               180                               185                               190
152 Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val
153                               195                               200                               205
156 Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu
157                               210                               215                               220
160 Ser Pro Gly Lys
161 225
164 <210> SEQ ID NO: 3
165 <211> LENGTH: 8
166 <212> TYPE: PRT
167 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: Preferred linker
172 <400> SEQUENCE: 3
174 Gly Gly Gly Lys Gly Gly Gly Gly
175 1 5
178 <210> SEQ ID NO: 4
179 <211> LENGTH: 8
180 <212> TYPE: PRT
181 <213> ORGANISM: Artificial Sequence
183 <220> FEATURE:
184 <223> OTHER INFORMATION: Preferred linker
186 <400> SEQUENCE: 4
188 Gly Gly Gly Asn Gly Ser Gly Gly
189 1 5
192 <210> SEQ ID NO: 5
193 <211> LENGTH: 8
194 <212> TYPE: PRT
195 <213> ORGANISM: Artificial Sequence
197 <220> FEATURE:
198 <223> OTHER INFORMATION: Preferred linker
200 <400> SEQUENCE: 5
202 Gly Gly Gly Cys Gly Gly Gly Gly
203 1 5
206 <210> SEQ ID NO: 6
207 <211> LENGTH: 5
208 <212> TYPE: PRT
209 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: Preferred linker
214 <400> SEQUENCE: 6
216 Gly Pro Asn Gly Gly
217 1 5
220 <210> SEQ ID NO: 7
221 <211> LENGTH: 5
222 <212> TYPE: PRT

```

RAW SEQUENCE LISTING

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Input Set : A:\A-688A.ST25.txt

Output Set: N:\CRF4\06212004\I840277C.raw

223 <213> ORGANISM: Artificial Sequence
 225 <220> FEATURE:
 226 <223> OTHER INFORMATION: Laminin peptide
 228 <400> SEQUENCE: 7
 230 Tyr Ile Gly Ser Arg
 231 1 5
 234 <210> SEQ ID NO: 8
 235 <211> LENGTH: 49
 236 <212> TYPE: PRT
 237 <213> ORGANISM: Artificial Sequence
 239 <220> FEATURE:
 240 <223> OTHER INFORMATION: Echistatin peptide
 242 <400> SEQUENCE: 8
 244 Glu Cys Glu Ser Gly Pro Cys Cys Arg Asn Cys Lys Phe Leu Lys Glu
 245 1 5 10 15
 248 Gly Thr Ile Cys Lys Arg Ala Arg Gly Asp Asp Met Asp Asp Tyr Cys
 249 20 25 30
 252 Asn Gly Lys Thr Cys Asp Cys Pro Arg Asn Pro His Lys Gly Pro Ala
 253 35 40 45
 256 Thr
 260 <210> SEQ ID NO: 9
 261 <211> LENGTH: 7
 262 <212> TYPE: PRT
 263 <213> ORGANISM: Artificial Sequence
 265 <220> FEATURE:
 266 <223> OTHER INFORMATION: RGD, NGR derivative peptide
 269 <220> FEATURE:
 270 <221> NAME/KEY: misc_feature
 271 <222> LOCATION: (2, 5 and)..(7)
 272 <223> OTHER INFORMATION: Xaa is any amino acid
 274 <400> SEQUENCE: 9
 W--> 276 Arg Xaa Glu Thr Xaa Trp Xaa
 277 1 5
 280 <210> SEQ ID NO: 10
 282 <400> SEQUENCE: 10
 W--> 283 000
 285 <210> SEQ ID NO: 11
 286 <211> LENGTH: 9
 287 <212> TYPE: PRT
 288 <213> ORGANISM: Artificial Sequence
 290 <220> FEATURE:
 291 <223> OTHER INFORMATION: RGD, NGR derivative peptide
 294 <220> FEATURE:
 295 <221> NAME/KEY: misc_feature
 296 <222> LOCATION: (2, 3, 7 and)..(8)
 297 <223> OTHER INFORMATION: Xaa is any amino acid
 299 <400> SEQUENCE: 11
 W--> 301 Cys Xaa Xaa Arg Leu Asp Xaa Xaa Cys
 302 1 5

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/840,277C

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Input Set : A:\A-688A.ST25.txt

Output Set: N:\CRF4\06212004\I840277C.raw

305 <210> SEQ ID NO: 12
 307 <400> SEQUENCE: 12
 W--> 308 000
 310 <210> SEQ ID NO: 13
 311 <211> LENGTH: 9
 312 <212> TYPE: PRT
 313 <213> ORGANISM: Artificial Sequence
 315 <220> FEATURE:
 316 <223> OTHER INFORMATION: RGD, NGR derivative peptide
 319 <220> FEATURE:
 320 <221> NAME/KEY: misc_feature
 321 <222> LOCATION: (1, 2, 3, 7, 8 and)..(9)
 322 <223> OTHER INFORMATION: Xaa is any amino acid with Xaa at 1, 3, 7 and 9 capable of
 323 forming a bridge.
 325 <400> SEQUENCE: 13
 W--> 327 Xaa Xaa Xaa Arg Gly Asp Xaa Xaa Xaa
 328 1 5
 331 <210> SEQ ID NO: 14
 332 <211> LENGTH: 17
 333 <212> TYPE: PRT
 334 <213> ORGANISM: Artificial Sequence
 336 <220> FEATURE:
 337 <223> OTHER INFORMATION: RGD, NGR derivative peptide
 340 <220> FEATURE:
 341 <221> NAME/KEY: misc_feature
 342 <222> LOCATION: (2, 3, 4, 5, 6, 12, 13, 14, 15 and)..(16)
 343 <223> OTHER INFORMATION: At positions 2, 3, 4, 5, 6, 12, 13, 14, 15 and 16, Xaa is
 any amino acid or may be absent.
 344
 346 <400> SEQUENCE: 14
 W--> 348 Cys Xaa Xaa Xaa Xaa Xaa Cys Arg Gly Asp Cys Xaa Xaa Xaa Xaa Xaa
 349 1 5 10 15
 352 Cys
 356 <210> SEQ ID NO: 15
 357 <211> LENGTH: 8
 358 <212> TYPE: PRT
 359 <213> ORGANISM: Artificial Sequence
 361 <220> FEATURE:
 362 <223> OTHER INFORMATION: RGD, NGR derivative peptide
 365 <220> FEATURE:
 366 <221> NAME/KEY: misc_feature
 367 <222> LOCATION: (1 and)..(8)
 368 <223> OTHER INFORMATION: Xaa is an independently selected amino acid.
 370 <220> FEATURE:
 371 <221> NAME/KEY: misc_feature
 372 <222> LOCATION: (2 and)..(7)
 373 <223> OTHER INFORMATION: Xaa equals 0 to 4 amino acids, each which is independently selected.
 374
 376 <220> FEATURE:
 377 <221> NAME/KEY: misc_feature

*variable length not permitted. See item 5
 on Error Summary*

<222> LOCATION: (4)..(4)

Asp is at location 4

<223> OTHER INFORMATION: Xaa is selected from the group consisting of glycine and leucine.

<220> FEATURE:

<221> NAME/KEY: misc_feature

<222> LOCATION: (5)..(5)

what about Xaa at location 6?

<223> OTHER INFORMATION: Xaa is selected from the group consisting of tryptophan and leucine.

<400> SEQUENCE: 15

Xaa Xaa Asp Asp Xaa Xaa Xaa Xaa
1 5

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/840,277C

DATE: 06/21/2004
TIME: 16:43:14

Input Set : A:\A-688A.ST25.txt
Output Set: N:\CRF4\06212004\I840277C.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:9; Xaa Pos. 2,5,7
Seq#:11; Xaa Pos. 2,3,7,8
Seq#:13; Xaa Pos. 1,2,3,7,8,9
Seq#:14; Xaa Pos. 2,3,4,5,6,12,13,14,15,16
Seq#:15; Xaa Pos. 1,2,5,6,7,8
Seq#:16; Xaa Pos. 1,2,3,6,7,8,9,10
Seq#:17; Xaa Pos. 3,5,6,13,15
Seq#:18; Xaa Pos. 2,3,4,7,15
Seq#:19; Xaa Pos. 3,4,5,6,8,13,15,18
Seq#:20; Xaa Pos. 2,5,6,7,12,13,14
Seq#:21; Xaa Pos. 1,3,6,9,12,13
Seq#:40; Xaa Pos. 3,4
Seq#:50; Xaa Pos. 2,3
Seq#:58; Xaa Pos. 5
Seq#:59; Xaa Pos. 6
Seq#:86; Xaa Pos. 3,15
Seq#:87; Xaa Pos. 13,15

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/840,277C

DATE: 06/21/2004

TIME: 16:43:14

Input Set : A:\A-688A.ST25.txt

Output Set: N:\CRF4\06212004\I840277C.raw

L:276 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:283 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (10) SEQUENCE:
L:301 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:308 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (12) SEQUENCE:
L:327 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:348 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:389 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:437 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:457 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:481 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:501 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
M:341 Repeated in SeqNo=19
L:525 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
L:545 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
L:817 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:963 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:0
L:1109 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:0
L:1129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:0
L:1525 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86 after pos.:0
L:1545 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:87 after pos.:0